

PRODUCT DATASHEET
ANGELA series

last update 7/4/2014



Product number FCN14467_ANGELA-RZ-S

Family	ANGELA	FWHM	9 degrees
Type	Reflector	Efficiency	87 %
LED	LUXEON S2000	cd/lm	16.000
Color	Metal	Gerber File	Available
Diameter	119.5 mm		
Height	80.2 mm		
Style	Round		
Optic Material	PC		
Holder Material	-		
Fastening	-		
Status	On production		

Product number FCN13568_ANGELA-M

Family	ANGELA	FWHM	15 degrees
Type	RefPack	Efficiency	85 %
LED	LUXEON S2000	cd/lm	4.700
Color	Metal	Gerber File	Available
Diameter	119.5 mm		
Height	80.2 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

For Philips Lumileds Luxeon S5000 LEDiL clamp C13395 included

Product number FCN13571_ANGELA-W

Family	ANGELA	FWHM	34 degrees
Type	RefPack	Efficiency	84 %
LED	LUXEON S2000	cd/lm	1.900
Color	Metal	Gerber File	Available
Diameter	119.5 mm		
Height	80.2 mm		
Style	Round		
Optic Material	PC		
Holder Material	PC		
Fastening	Screw		
Status	On production		

For Philips Lumileds Luxeon S2000 LEDiL clamp C13381 included

Product number C13395
Description 1

Family	ANGELA	FWHM	N/A degrees
Type	Base part	Efficiency	-
LED	LUXEON S2000	cd/lm	(simulated) 0.000
Color	White	Gerber File	Available
Diameter	50 mm		
Height	10 mm		
Style	Round		
Optic Material	-		
Holder Material	PC		
Fastening	-		
Status	On production		



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NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

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GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON S2000 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).
- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

H

G

F

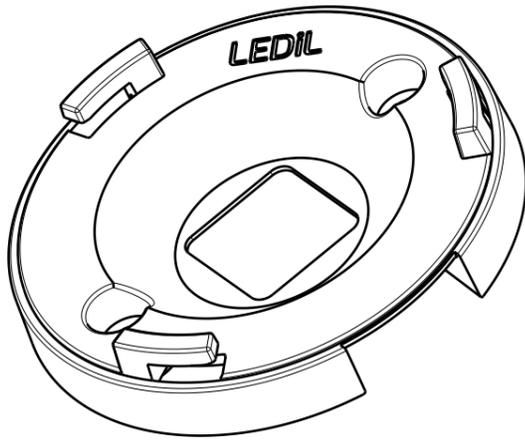
E

D

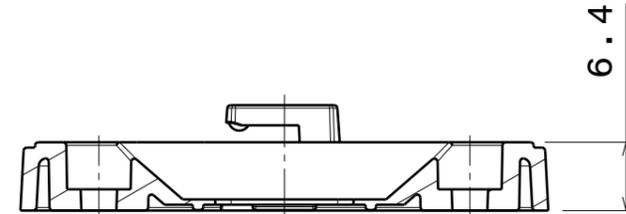
C

B

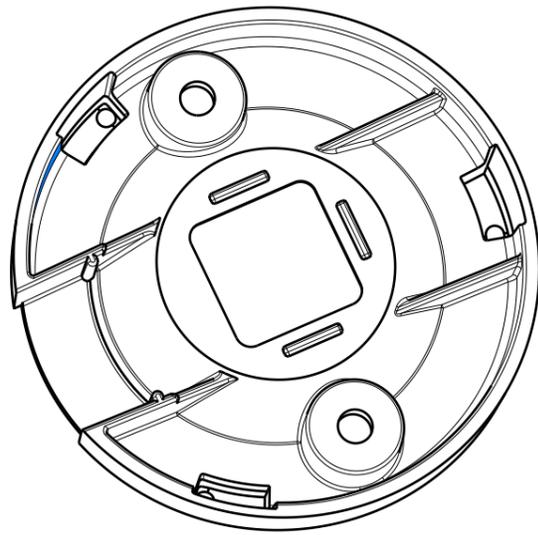
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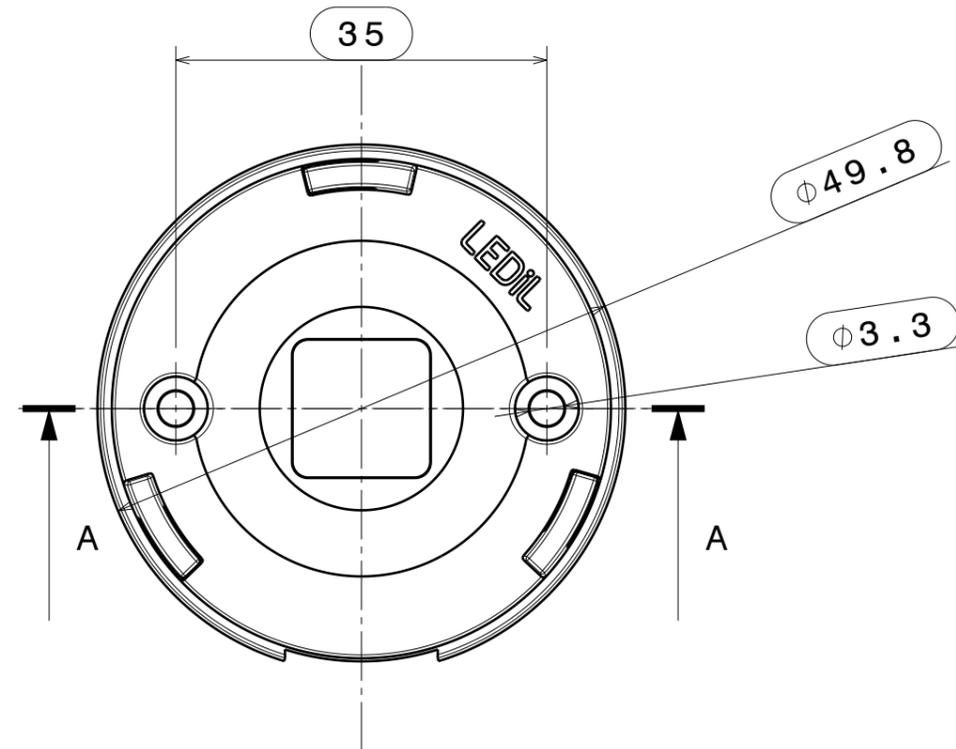
Isometric view
Scale: 3:2



Section view A-A
Scale: 3:2



Front view
Scale: 3:2



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13395	CLAMP-S2000	PC	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L
Control for SPC marked dimensions.

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
DATASHEET_CLAMP-S2000

DRAWN BY _____ DATE _____

SIZE PART NUMBER REV
A3 C13395 001

CHECKED BY _____ DATE _____

SCALE 3:2 WEIGHT _____ SHEET 1/1

DESIGNED BY _____ DATE _____

LEDiL PROPRIETARY

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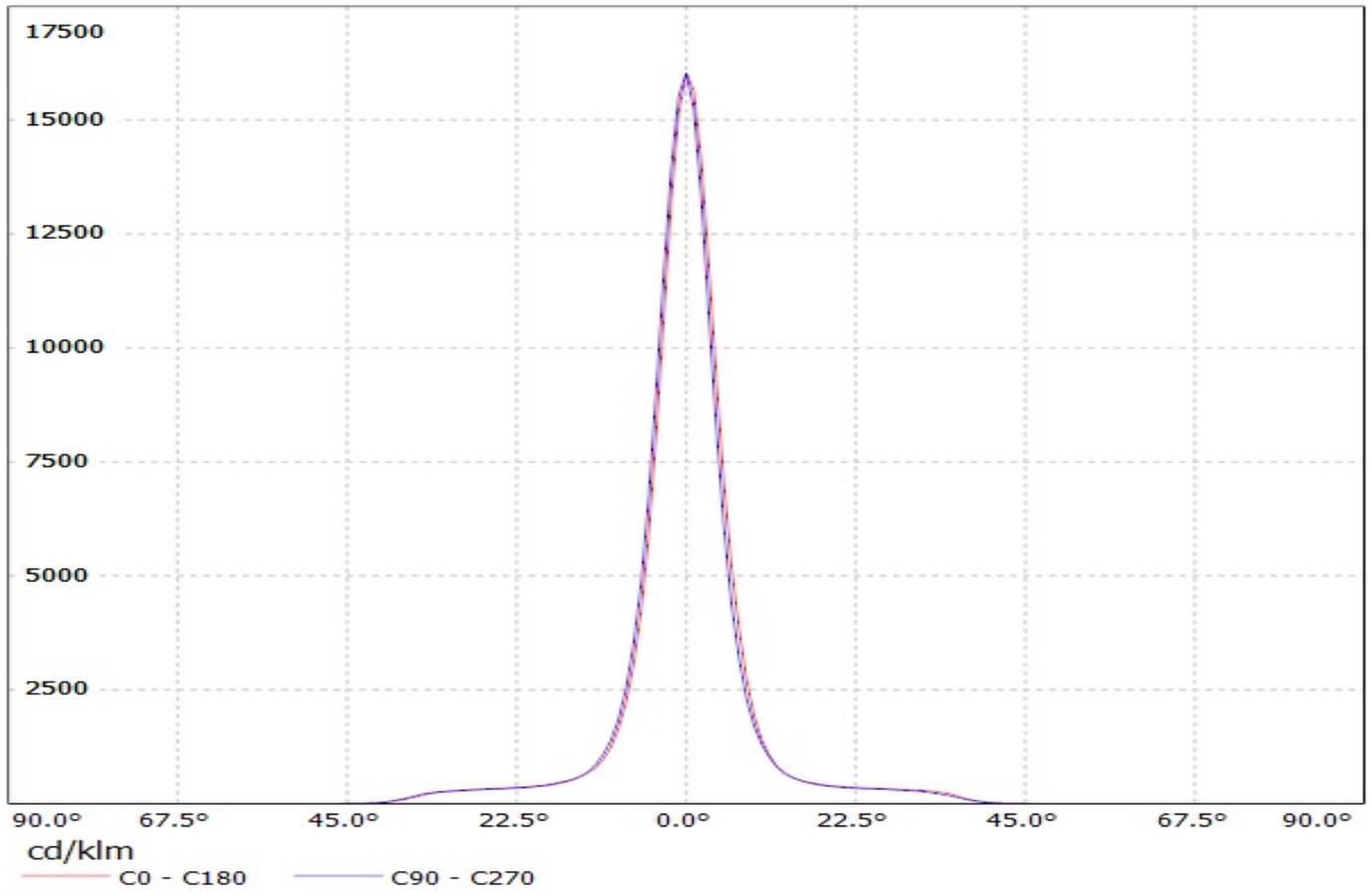
H

G

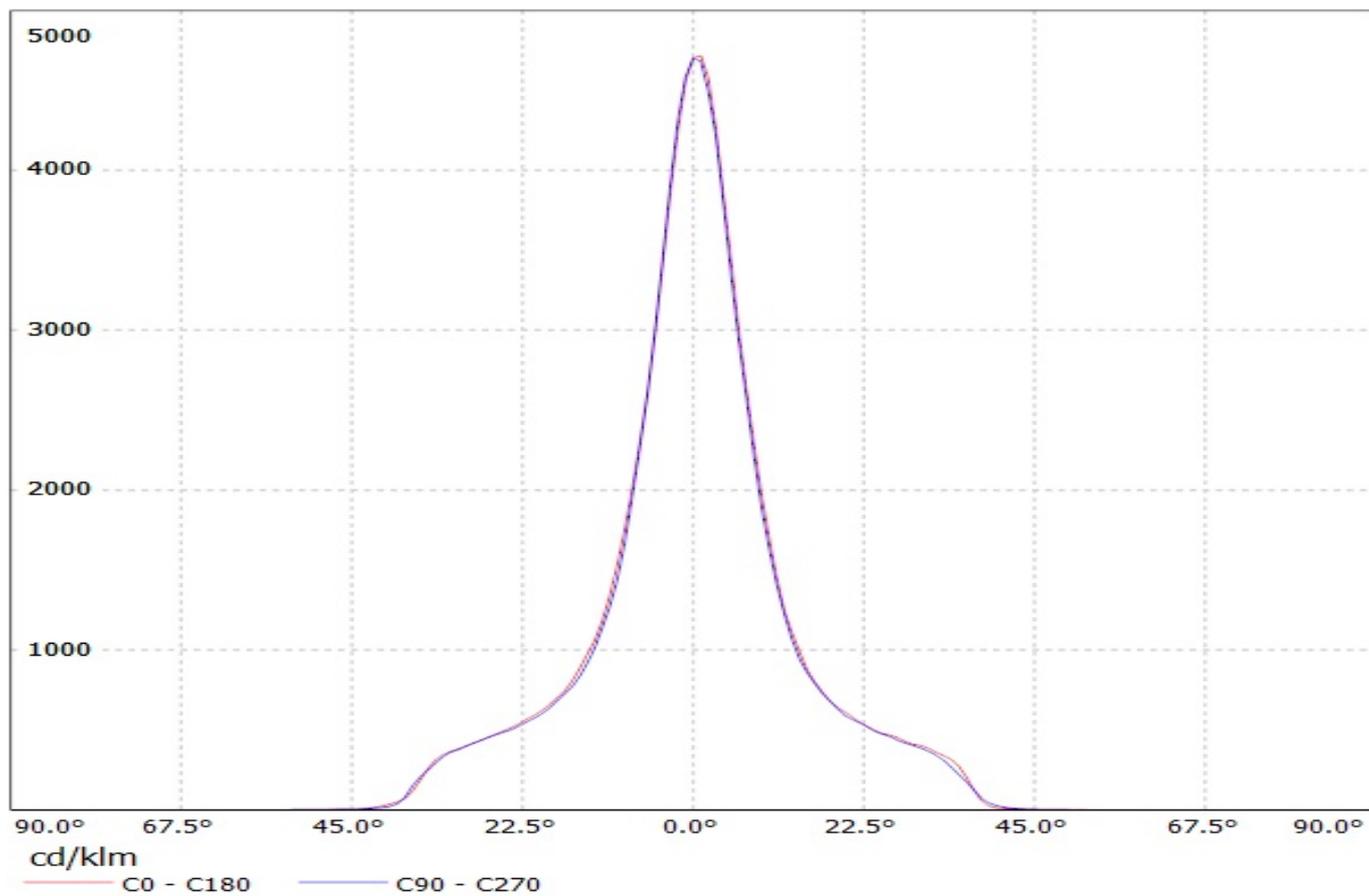
B

A

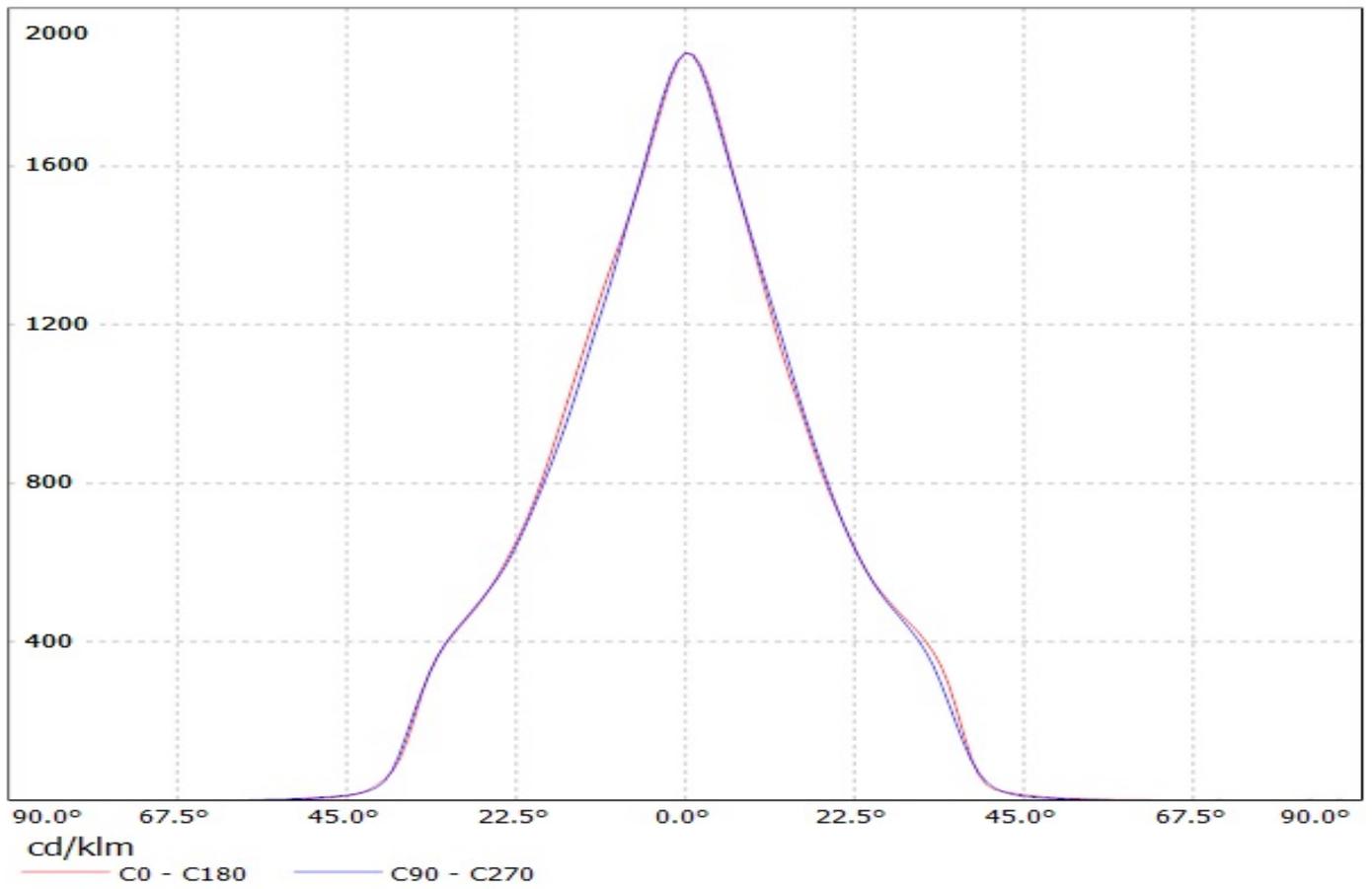
Luminaire: LEDil Oy FN14467_ANGELA-S_(Luxeon_S2000) Efficiency=87%
Lamps: 1 x Philips Lumileds Luxeon S2000 (LXS8-PW30-0017) 447lm @ 100mA P=4.6W I=100mA



Luminaire: LEDil Oy FCN13568_ANGELA-M_(Luxeon_S2000) Efficiency=85%
Lamps: 1 x Philips Lumileds Luxeon S2000 (LXS8-PW30-0017) 442lm @ 100mA P=4.6W I=100mA

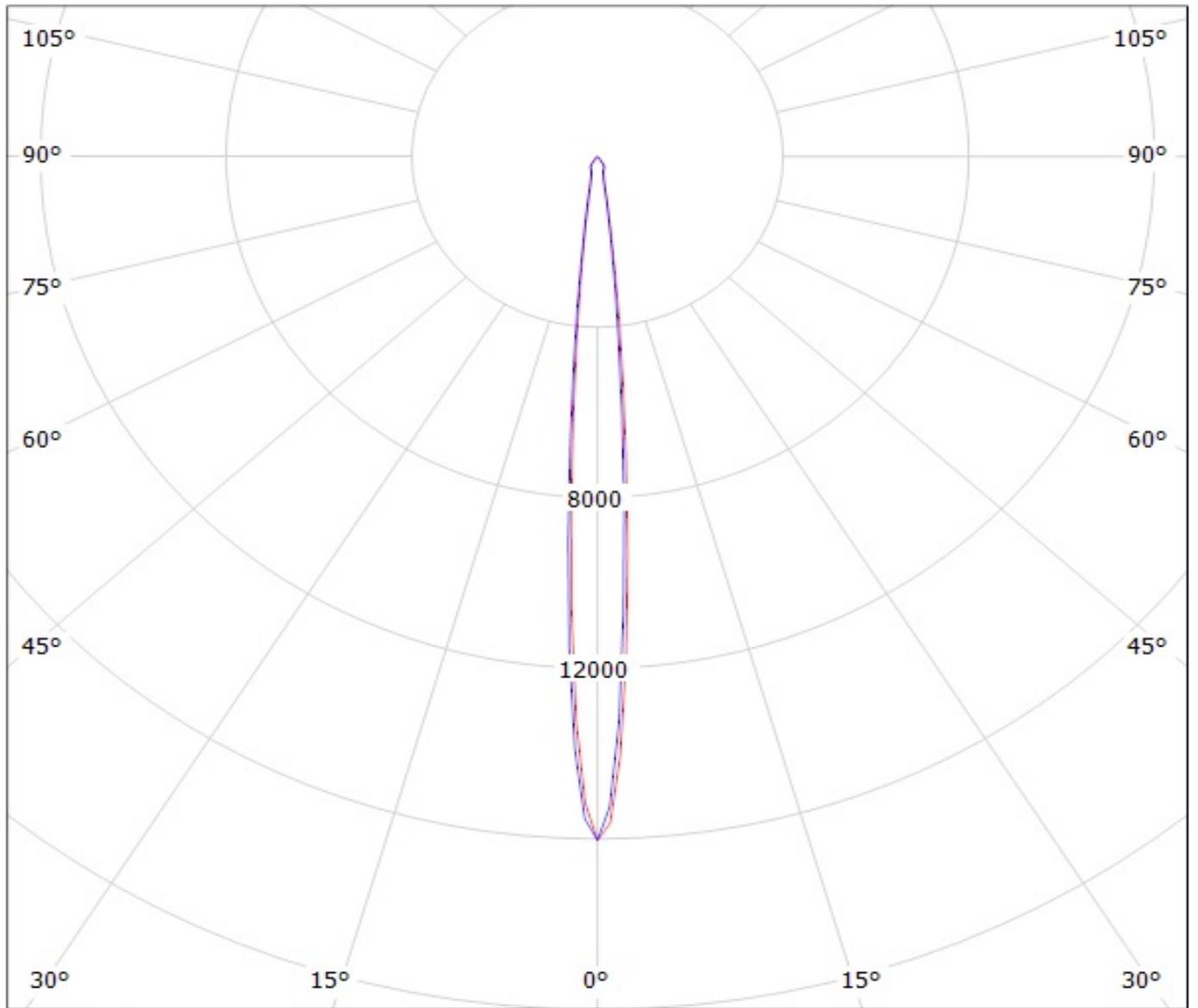


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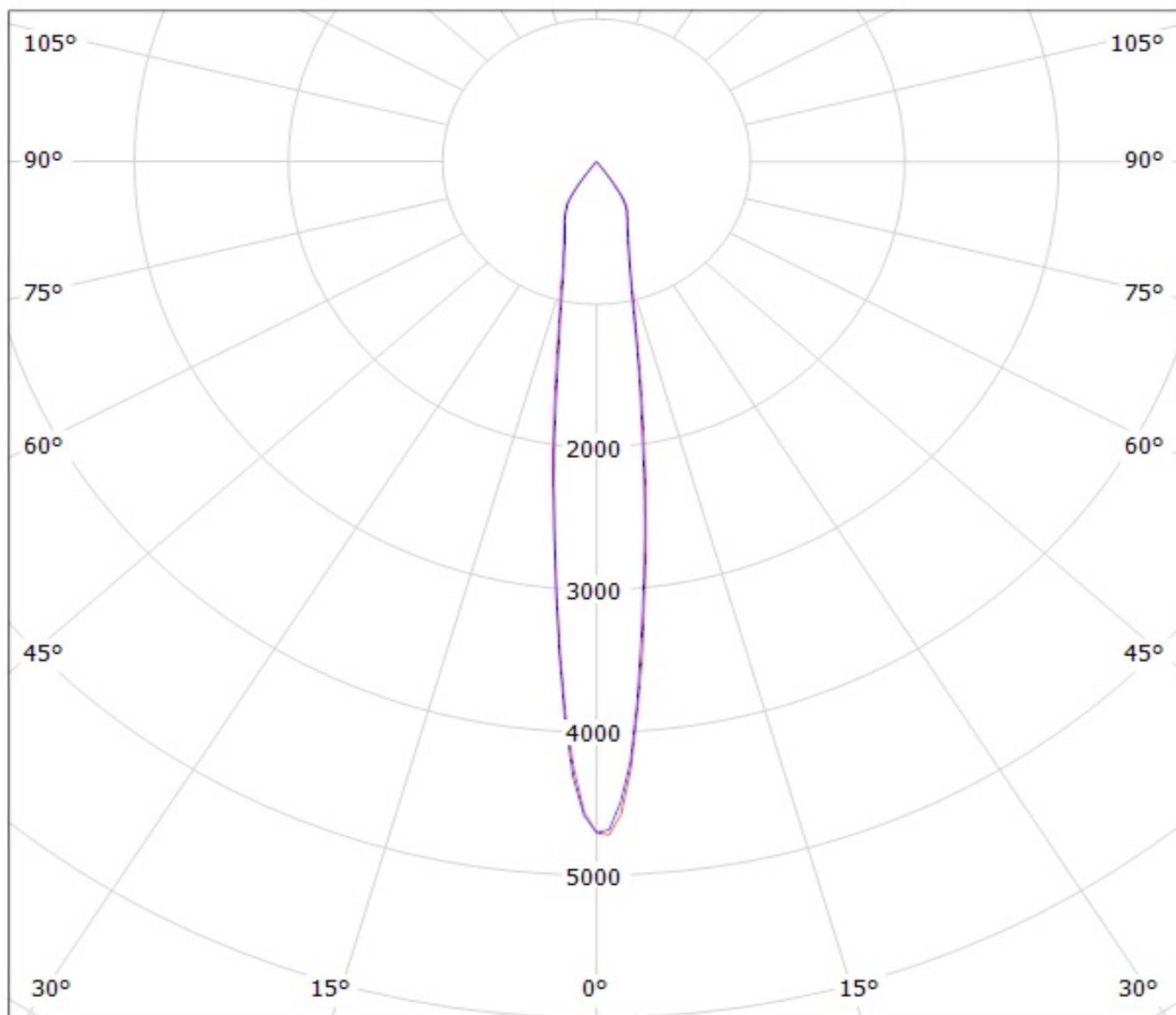


cd/klm

— C0 - C180

— C90 - C270

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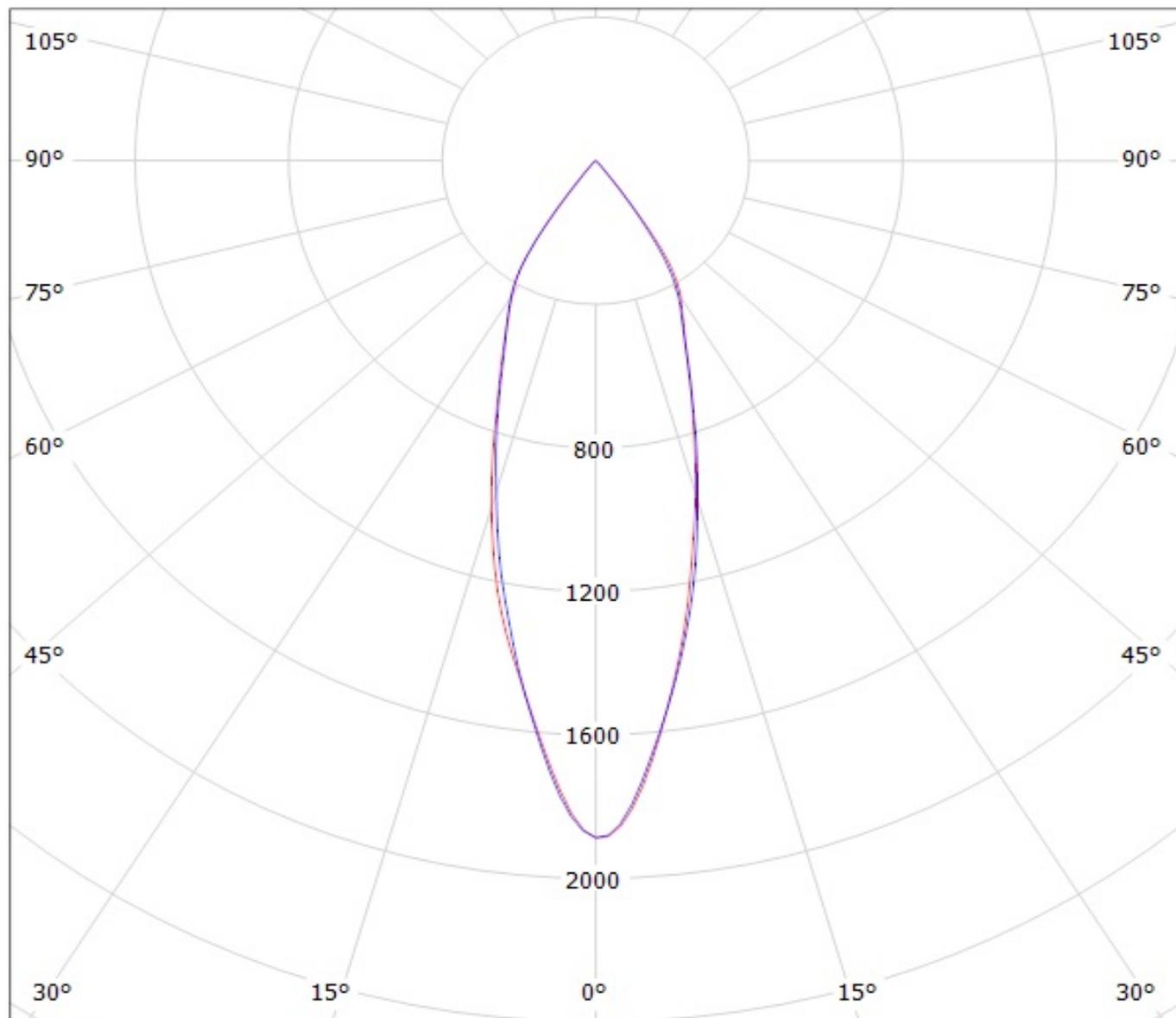
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